

U. S. Secret Service

Multimedia Operations Branch

Geospatial Program



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Some History...

G8 Summit Sea Island, GA



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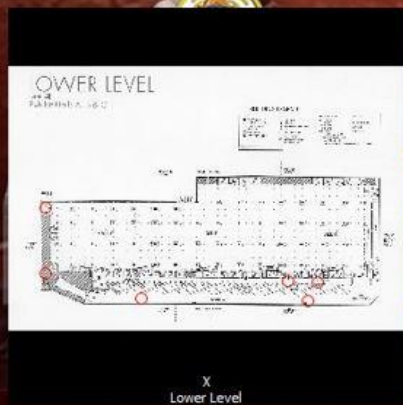
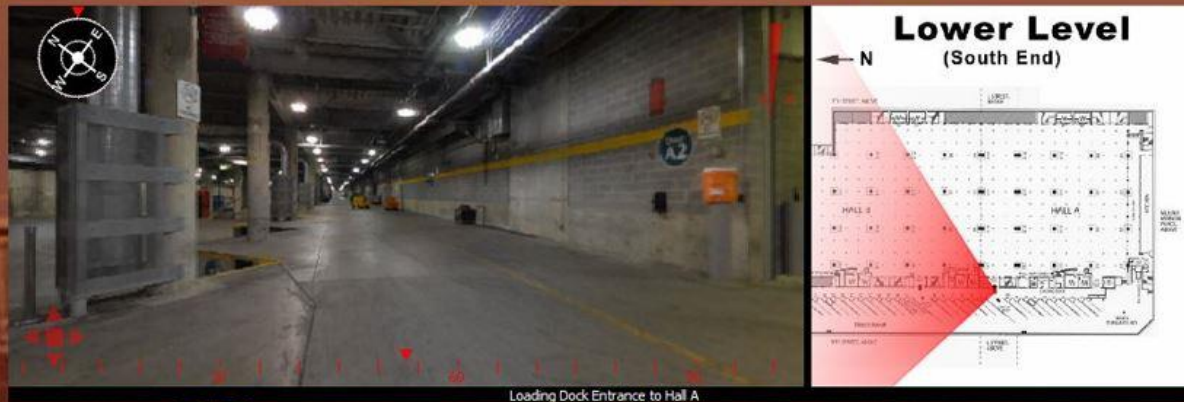
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Early Attempts

Convention Center StarView - Inauguration 09

U.S. SECRET SERVICE STARVIEW Convention Center, Washington, D.C.



Diagrams
Convention Center Exterior
Overhead Imagery
Maps
Floor Plans
Video Walking Routes
360 Still Panoramas
360 Videos
Photo Slideshows

StarView



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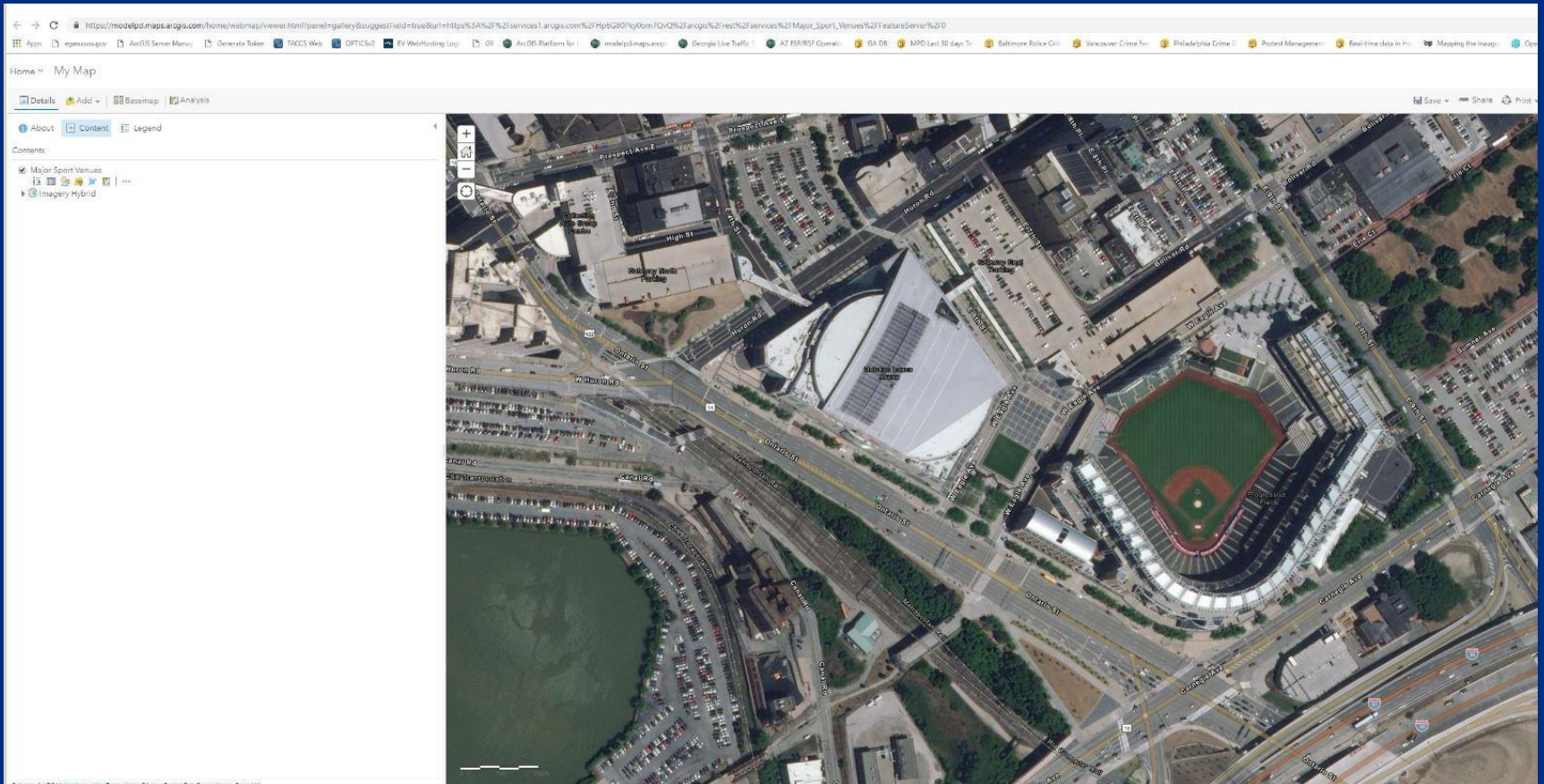
What's Important?



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Overhead Imagery



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Arrival



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Hold Room



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Magnetometers



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Posts



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Egress



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Hospitals



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Lessons Learned...

Granularity matters



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NSSE

National Special Security Events



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First Geospatial SubCommittee...

2017 Presidential Inauguration



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First USSS Geospatial Server...

ATLAS (2017)

Active Terrain-Mapping Law-Enforcement Asset Solution



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Data Collection

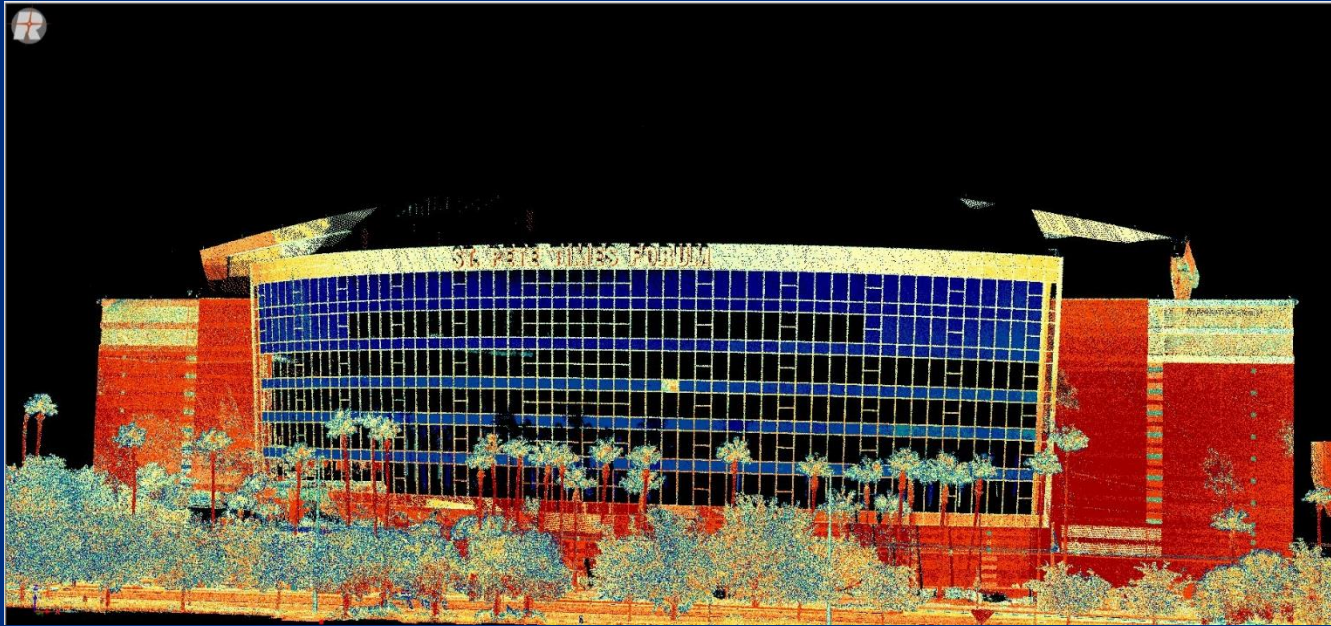


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Lidar



Hundreds of LiDAR scans and thousands of photographs are collected on site. The LiDAR is used for 3D modelling and Line-of-Sight Analysis.



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3D Models



3D models of protective sites are built “In-House” and are used for site familiarity. Based on LiDAR data, they are extremely accurate and include the interiors and exteriors of the site



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PlanIt



Developed In-House, The “PlanIt” software application allows the user to create a security plan by adding assets in 3D space.



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